

Carla



Reply To
Attn Of: WD-137

MAY 23 1990

Charley L. Bryant
Acting Manager, Treatment Division
Anchorage Water & Wastewater Utility
3000 Arctic Boulevard
Anchorage, Alaska 99503-3898

Re: Request for Monitoring Program Modification for Point Woronzof WWTF,
NPDES Permit Number AK-002255-1

Dear Mr. Bryant:

This letter is in response to your October 30, 1989, request for the following modifications to the monitoring program for the Point Woronzof Wastewater Treatment Facility (WWTF):

Switch the sampling point for dissolved oxygen from primary to final effluent

Reduce BOD sampling to Monday through Thursday

Reduce TSS sampling to weekdays only

Drop the requirement for sampling sludge prior to thickening

Reduce fecal coliform monitoring to Monday, Tuesday, and Wednesday only

Reduce monitoring of oil and grease to monthly

Reduce monitoring of arsenic, cadmium, lead, nickel, silver, zinc, chromium (T), and cyanide (T) to quarterly

Eliminate monitoring of chromium (+6) and free cyanide

Sample toxic pollutants and pesticides each time that bioassay tests are performed on the effluent

Reduce receiving water monitoring frequency to summer only.

As we discussed at our January 26, 1990, meeting, EPA agrees with switching the sampling point for dissolved oxygen, reducing BOD and TSS sampling, dropping the requirement for sludge sampling prior to thickening, and eliminating chromium (+6) and free cyanide monitoring. The other requirements will stay the same until the city's permit is up for reissuance.

There does not appear to be sufficient correlation between flow and fecal coliform concentration to justify eliminating weekend sampling. In addition, review of daily flow data indicate that flows were frequently higher on the weekends.

The current permit does not allow for a reduction in oil and grease monitoring frequency to monthly. There is also no allowance for decreasing the frequency of trace metal monitoring.

Spring and fall receiving water monitoring will be retained at this time. Additional data beyond what has already been collected is necessary to evaluate seasonal trends.

Finally, the city may choose to sample the effluent for toxic pollutants and pesticides in conjunction with bioassays. However, this is not required by the city's current permit, and may not be the most efficient use of resources.

If you have any further questions, please contact Carla Fisher at (206) 442-1756.

Sincerely,



Harold E. Geren, Chief
Water Permits & Compliance Branch

cc: Julie Howe, ADEC, Anchorage
Floyd Damron, CH2M HILL

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Harold E. Geren, Chief
Water Permits & Compliance Branch

cc: Julie Howe, ADEC, Anchorage
Floyd Damron, CH2M HILL

bcc: Florence Carroll, WD-135
Dan Robison, AOO Anchorage

FISHER:dp:7382a:4-24-90

Concurrences							
Initial	4/24/90	GR	forwes				
Name	FISHER	RICE	fe				
Date	CFF	4/24/90	5-22-90				